

What is claimed is:

1. A receiver (100) for a radio broadcasting signal, in particular a car radio or radiophone, wherein a signal decoder (12) is provided, which decodes an audio signal contained in the radio broadcast signal in encoded form, and/or decodes a data signal contained in the radio broadcast signal in encoded form, the signal decoder (12) being designed in such a manner, that the encoded signal is only decoded, when the signal decoder (12) obtains an external authentication signal, which is received via an external transmission path that is different from a transmission path of the radio broadcast signal.

2. The receiver (100) as recited in Claim 1, wherein the external transmission path includes a mobile radio-communications device (22), which especially complies with the GSM/UMTS standard, and is connected to the receiver (100) via a communication link, in particular via a wire, air, or infrared interface, the mobile radio-communications device (22) receiving the authentication signal and transmitting it to the receiver (100), via the communication link.

3. The receiver (100) as recited in Claim 2, wherein the mobile radio-communications device (22) and the receiver (100) are situated in a common housing.

4. The receiver (100) as recited in one of the preceding claims, wherein a control unit (20), especially in the form of a processor, is provided, which controls the signal decoder (12) and additional, predetermined components (26, 28) of the receiver (100), via a control bus (32); a communication link, in particular a wire or infrared interface, being provided between the control unit (20) and the external transmission path (22), and the control unit (20) transmitting the authentication signal to the signal decoder (12), when the control unit (20) receives the authentication signal from the

external transmission path (22).

5. The receiver (100) as recited in one of the preceding claims, wherein an output and input device [input/output device] (24) is provided, which is connected to the control unit (20).

6. The receiver (100) as recited in one of the preceding claims, wherein a receiving part (10), which demodulates a baseband signal from the radio broadcast signal, and a post-connected audio-signal processing unit (14), are provided, the signal decoder (12) being situated in a signal path between the receiving part (10) and the audio-signal processing unit (14).

7. The receiver (100) as recited in one of the preceding claims, wherein the signal decoder (12) has a multiplexer (30), a first, looped-through signal path (36) on which no decoding takes place, and a second signal path (38) having an audio decoder (26), the first and second signal paths (36, 38) being connected to the multiplexer (30) that is controlled by the audio decoder (26).

8. The receiver (100) as recited in Claim 6 and 7, wherein an output of the multiplexer (30) is connected to the audio-signal processing unit (14).

9. The receiver (100) as recited in one of the preceding claims, wherein the signal decoder (12) has a third signal path (40) that includes a data decoder (28).

10. The receiver (100) as recited in Claims 4 and 9, wherein an output (34) of the data decoder (28) is connected to the control unit (20).

11. A method for receiving a radio broadcast signal, wherein an audio signal contained in the radio broadcast signal in

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13. The method as recited in Claim 11 or 12, wherein a receiver for the transmission path of the radio broadcast signal is controlled via an external transmission path.